

Notice of Allowability

Application No.

10/671,190

Examiner

Antonio A. Caschera

Applicant(s)

PROKOPENKO ET AL.

Art Unit

2676

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 01/19/06.
2. ☒ The allowed claim(s) is/are 1,2,4-7,10-16,18-21 and 24-42.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


RICHARD HJERPE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600

DETAILED ACTION

Priority

1. Acknowledgment is made of applicant's claim for priority under 35 U.S.C. 119(e).

Response to Arguments

2. Applicant's arguments, see page 15 of Applicant's Remarks, filed 01/19/06, with respect to the objection of claims 3, 8, 9, 17, 22 and 23 have been fully considered and are persuasive. The objection of claims 3, 8, 9, 17, 22 and 23 has been withdrawn since these claims have been rewritten into independent form and appropriately cancelled.

3. Applicant's arguments, see pages 14-16 of Applicant's Remarks, filed 01/19/06, with respect to the 35 USC 112 2nd paragraph rejection of claims 2, 3, 8, 9, 16, 17, 22, 23 and 37-42 have been fully considered and are persuasive. The 35 USC 112 2nd paragraph rejection of claims 2, 3, 8, 9, 16, 17, 22, 23 and 37-42 has been withdrawn since the Applicant's explanations and citation of the specification, in reference to the variables found within limitations of the above claims, has been accepted.

Allowable Subject Matter

4. Claims 1, 2, 4-7, 10-16, 18-21 and 24-42 are allowed.

The following is a statement of reasons for the indication of allowable subject matter:

In reference to claims 1, 15, 29 and 37-42, the prior art of record (Strunk et al. (U.S. Patent 6,137,497) and Donham (U.S. Patent 6,646,648 B1)) does not explicitly disclose creating

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homogeneous viewer space coordinates and attributes from world space triangle vertex data, using the viewer space coordinates to calculate homogeneous coefficients which include perspective data which in turn are used to calculate barycentric coefficients from which an attribute of a pixel affected by the triangle is computed, in combination with the further limitations of claims 1, 15, 29 and 37-42 respectively above.

In reference to claims 2, 4-7, 10-14, 16, 18-21, 24-28 and 30-36, claims 2, 4-7, 10-14, 16, 18-21, 24-28 and 30-36 depend upon allowable claims 1, 15 and 29 above and therefore are also deemed allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Antonio Caschera whose telephone number is (571) 272-7781. The examiner can normally be reached Monday-Thursday and alternate Fridays between 7:30 AM and 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Hjerpe, can be reached at (571) 272-7691.

Any response to this action should be mailed to:

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Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

571-273-8300 (Central Fax)

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (571) 272-2600.

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ae
2/8/06



**RICHARD HJERPE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600**